

ADDENDUM NO. 1
January 29, 2009
Drilling and Blasting Rock
Bid No. FY09-500-59

City of Manchester
Department of Highways

The attention of all bidders submitting proposals for the above project is called to the following changes to the Contract Documents. The items set forth herein, whether or clarification, omission, addition or substitution are to be included in and shall form a part of the proposal submitted.

Bidders shall acknowledge receipt of this Addendum by writing "No. 1" in the line provided at the bottom of Page 12 of the Proposal.

ADDENDUM NO. 1 (3 sheets total):

1. **REMOVE** sheets 15 and 36 from the Proposal, Special Provisions and Contract Agreement.

REPLACE with attached sheets 15 and 36.

Purpose of Addendum:

- Add item 204.55, Detonation Wire

END OF ADDENDUM

This proposal shall be filled in by the bidder, in ink, with the prices written in both words and numerals, and the extensions shall be made by him. Amount in words will govern.

Bid Item Number	Estimated Quantity	Unit	Description (Bid Price in Words)	Unit Price (Bid in Figures)	Total Price (Bid in Figures)
204.1	70	HR	DRILLING _____dollars and _____cents per HR		
204.2	70	HR	JACKHAMMER W/OPERATOR _____dollars and _____cents per HR		
204.3	70	HR	BLASTER _____dollars and _____cents per HR		
204.4	1500	LBS	POWDER _____dollars and _____cents per LB		
204.5	400	EA	BLASTING CAPS _____dollars and _____cents per EA		
204.55	1000	LF	DETONATION WIRE _____dollars and _____cents per LF		
204.6	10	DAY	BLASTING MATS _____dollars and _____cents per DAY		
204.7	70	DAY	SEISMIC MONITORING _____dollars and _____cents per DAY		
204.71	70	DAY	GAS MONITORING _____dollars and _____cents per DAY		
204.8	1	ALL	PRE-BLAST SURVEY FIVE THOUSAND dollars and ZERO cents per ALL	\$5,000.00	\$5,000.00
692	1	UNIT	MOBILIZATION _____dollars and _____cents per UNIT		
TOTAL = (in words)	_____ _____ _____ _____			\$ _____	

Method of Measurement & Basis of Payment

5.1 Drilling operations shall be measured by the number of hours of actual drilling time. The hourly rate shall include the cost for use of a track drill, compressor and operator.

5.2 Jackhammer operations shall be measured by the number of hours of actual jackhammering time. The hourly rate shall include the cost for use of a jackhammer, compressor and operator.

5.3 The Blaster shall be compensated at an hourly rate for the actual time performing blasting operations.

5.4 Powder shall be paid for by the pound for the actual number of pounds used to accomplish the work.

5.5 Blasting Caps shall be paid for per each for the actual number used to accomplish the work.

5.6 Blasting Mats shall be paid for by the day for the number of days they are used.

5.7 Seismic monitoring shall be paid for by the day for the number of days of actual monitoring.

5.8 Gas monitoring shall be paid for by the day for the number of days of actual monitoring.

5.9 Pre-blast Condition Surveys will be paid for at actual cost for each job site. Compensation for pre-blast surveys will be paid only upon submitted of "paid" invoices. No markups above the invoice will be allowed.

5.10 Detonation wire (aka leading line, blasting wire, trunk line) shall be paid for by the linear foot for the actual length of line used to carry the electric charge to detonate explosives and accomplish the work.

Pay Items and Units:

204.1	Drilling	Hour
204.2	Jackhammer w/Operator	Hour
204.3	Blaster	Hour
204.4	Powder	Pound
204.5	Blasting Caps	Each
204.55	Detonation wire	Linear Foot
204.6	Blasting Mats	Day
204.7	Seismic Monitoring	Day
204.71	Gas Monitoring	Day
204.8	Pre-blast Survey	Allowance